Security with AWS: Identity and Access Management (IAM)

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About Guided Project

Now, we will **start security with AWS using IAM.** We will accomplish this by completing each task in the project:

- Create a MFA as a best practice action

- Create an IAM user from the console

- Create IAM users from the CLI

- Create IAM groups and add users to the groups

- Implement IAM policies

- Create and upload to an S3 bucket

- Create an IAM role for an AWS service

- Use IAM roles to grant AWS cross-account access

- Use IAM roles to grant AWS cross-account access with external ID

- Revoke an IAM role

- Setting permissions boundary

- Test and Debug IAM policies using the IAM policy simulator

While you are watching me work on each step, you will get a cloud desktop with all the required software pre-installed. This will allow you to follow the instructions to complete the above-mentioned tasks. **If you notice that I am too fast, you can pause my video so as to follow along.** After all, we learn best with active, hands-on learning

Please refer to the Coursera Help Center↗ for more information.

Ready to get started?

Check the **I agree to use this tool responsibly** box and click the Open Tool button to access your cloud workspace.

This course uses a third-party app, Security with AWS: Identity and Access Management (IAM) , to enhance your learning experience. The app will reference basic information like your name, email, and Coursera ID.

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